CIF 23-2: Moon Tycoon Version 2: A 3D Lunar Surface Emulator for Desktops and Virtual Reality

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Activity Type: Follow On

Primary STMD Taxonomy: TX11.3.3 Model-Based Systems Engineering
Starting TRL: 3 **End TRL:** 4
Executive Summary: Moon Tycoon Version 2 (V2) enables and encourages in-situ resource utilization (ISRU) technology developers, principal investigators (PI), and managers across the agency to design and visualize various Lunar operations and missions with a high degree of photorealism. Users are completely immersed in the emulated Moon environment, enabling them to gain new knowledge as they explore the Lunar surface. Moon Tycoon V2 will soon be released to the NASA Software Catalog for public distribution, which will allow external partners, academia, and other interested parties from the public domain to take part.